

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-054002  
(43)Date of publication of application : 08.03.1988

(51)Int.Cl.

H03B 19/14  
H04L 27/20

(21)Application number : 61-198463

(71)Applicant : FUJITSU LTD

(22)Date of filing : 25.08.1986

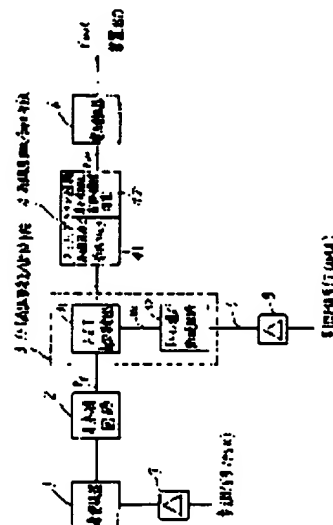
(72)Inventor : UNNO ISAMU

## (54) MICROWAVE BURST SIGNAL GENERATOR INCORPORATING FET FREQUENCY MULTIPLIER

### (57)Abstract:

**PURPOSE:** To reduce the cost of the titled generator by constituting a burst signal generator by a FET harmonic generator generating harmonics from an output of an original oscillator, a means intermitting the generation of the harmonics and an extracting/suppressing means extracting a desired harmonic among the outputs and suppressing the fundamental wave.

**CONSTITUTION:** A modulation signal from a buffer amplifier 7 is given to the original oscillator generating a fundamental wave signal, a fundamental wave circuit 2 is subjected to impedance matching to the fundamental wave signal and its output is outputted as a burst signal via a FET harmonic generation/ intermittent means 3, the harmonic extracting/suppressing means 4 and a power amplifier 6 as a burst signal. Through the constitution above, the means 3 consists of a FET harmonic generator 31 and a drain voltage intermittent circuit 32 and an on/off control signal 5 is impressed to the means 3. Moreover, the means 4 consists of a harmonic extraction band pass filter 41 and a fundamental wave suppressing/case width designating device 42. Thus, an expensive fundamental wave suppressing filter is not required and the cost is reduced.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office